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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cities Service Oil Company

Hobbs, New Mexico

Company or Operator

Address

Hodges

Well No. 1

in NE 1/4

of Sec. 8

T. 24-S

Lease

R. 37-E

N. M. P. M.

Mottix

Field,

Lea

County.

Well is 230 feet south of the North line and 230 feet west of the East line of Sec. 8

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Cities Service Oil Company Address Hobbs, New Mexico

Drilling commenced July 3, 1937. Drilling was completed August 19, 1937

Name of drilling contractor Oil Well Drilling Company Address Hobbs, New Mexico

Elevation above sea level at top of casing 3278 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3470 to 3575 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
12 1/2"	40	8	LW	40'				Conductor
7 5/8"	26.4	10	Sals.	1300'				Intermediate
5 1/2"	17	10	Sals.	3420				Oil string
2" tub.	4.7	10	Sals.	3475				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	12 1/2"	40'	50	Dumped		
	7 5/8"	1300'	300	Halliburton		
	5 1/2"	3420'	160	Halliburton		

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Explosive	120 qts.	8-19-37	3470-3519 3551-3561	To bottom

Results of shooting or chemical treatment Well flowed 172 barrels in 16 hours.

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from 0 feet to 3422 feet, and from feet to feet

Cable tools were used from 3422 feet to 3575 feet, and from feet to feet

## PRODUCTION

Put to producing September 1, 1937

The production of the first 16 hours was 172 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. 29

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

## EMPLOYEES

R. J. Kemnitz, Driller H. G. Mills, Driller

William Gray, Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 28th

Hobbs, New Mexico

9-28-37

Place

Date

day of September

1937

Name

L. E. Stoltz

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	95	95	Surface rock
95	500	405	Red bed and sand
500	1140	640	Red rock and shells
1140	1170	30	Red rock and shells
1170	1214	44	Broken anhydrite
1214	1340	126	Anhydrite
1340	1516	176	Salt and anhydrite
1516	1540	24	Anhydrite
1540	2325	785	Salt and anhydrite
2325	2353	28	Anhydrite
2353	2505	152	Salt and anhydrite
2505	2565	60	Salt
2565	2615	50	Anhydrite and potash
2615	2696	81	Anhydrite and lime
2696	2725	29	Anhydrite
2725	2865	140	Anhydrite and lime
2865	2940	75	Lime
2940	2980	40	Lime and anhydrite
2980	3265	285	Lime (hard)
3265	3310	45	Broken lime (show gas 3250' to 3274')
3310	3422	112	Lime
3422	3442	20	Grey lime
3442	3450	8	Sandy lime
3450	3454	4	Grey lime
3454	3456	2	Streaks of brown shale
3456	3458	2	Grey lime
3458	3467	9	Small show oil 3462'
3467	3475	8	Sandy shale, gas at 3475'
3475	3485	10	Grey sand
3485	3490	5	Sandy lime, well flows by heads
3490	3502	12	Sand and lime
3502	3507	5	Sandy lime
3507	3510	3	Sand
3510	3525	15	Lime
3525	3531	6	Broken lime shells
3531	3540	9	Sandy lime
3540	3544	4	Hard lime
3544	3559	15	Hard sandy lime
3559	3561	2	Hard lime
3561	3564	3	Sandy lime
3564	3569	5	Grey lime
3569	3573	4	Broken lime
3573	3575	2	Grey sandy lime (Total Depth)